

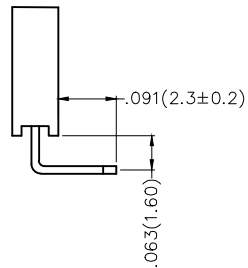
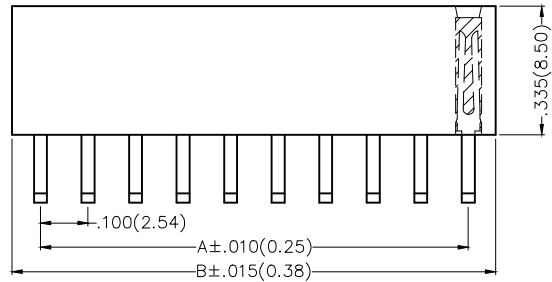
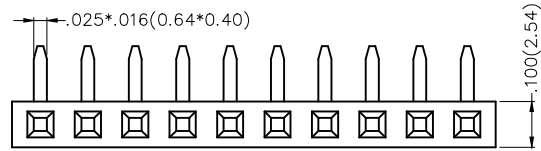
REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD

Electrical

Current Rating: 3A AC(rms)/DC  
 Voltage Rating: 250V AC(rms)/DC  
 Contact Resistance: 20 mΩ Max  
 Insulation Resistance: 1000 MΩ MIN  
 Withstanding Voltage: 500V AC r.m.s  
 Temperature Range—Operating: -40°C~+105°C

Material and Plating

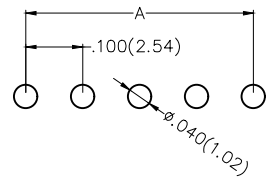
Housing: PBT/PA6T( UL 94V-0)  
 Contact Pin: Brass  
 Plating: Gold Plated/Selective gold on contact area, tin on tail




Ordering Information

FFH 254 55 — S XX B X XX X K6 K  
 1 2 3 4 5 6 7 8 9 10 11

1 Category FFH—Female Header	2 Series Number 254—Pitch2.54mm	3 Distinction No. 55	4 Row Option S—Single row	5 Circuits XX	6 Entry Angle B—90° Angle
7 Plating 1—Gold Plated 3—Selective gold on contact area, tin on tail	8 Thickness of Plating 00—Gold Flash 05—5μ" Custom plate available	9 Material—Resin 1—PBT 4—PA6T	10 Color—Resin K6—Black	11 Packaging K—Tray	





Recommended P.C.Board Layout

THIRD ANGLE PROJECTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY FRANK	DATE 12/AUG/13	PART NO. FFH25455-SXXBXXXK6K	ITEM NO. FFH25455	 Leader Of Industry
	DESIGN UNITS Inch (metric)	X.±.012(0.30) X.X±.008(0.20) X.XX±.006(0.15) X.XXX±.004(0.10)	X'±5' .X'±2' .XX'±1' .XXX'±0.5'	CHECKED BY CHERRY	DATE 12/AUG/13	TITLE Board to Board (Female Header) Pitch 2.54mm 90° Angle (DIP)	
SCALE 5:1	SIZE A4	DRAWN BY JACOB		DATE 12/AUG/13	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO TXGA INDUSTRIAL ELECTRONICS(S.Z)CO.,LTD AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		

REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD

Circuits (n)	Part No.	Dimensions(in/mm)		Circuits (n)	Part No.	Dimensions(in/mm)	
		A	B			A	B
2	FFH25455-S02BXXXXK6K	.100(2.54)	.220(5.58)	22	FFH25455-S22BXXXXK6K	2.100(53.34)	2.220(56.38)
3	FFH25455-S03BXXXXK6K	.200(5.08)	.320(8.12)	23	FFH25455-S23BXXXXK6K	2.200(55.88)	2.320(58.92)
4	FFH25455-S04BXXXXK6K	.300(7.62)	.420(10.66)	24	FFH25455-S24BXXXXK6K	2.300(58.42)	2.420(61.46)
5	FFH25455-S05BXXXXK6K	.400(10.16)	.520(13.20)	25	FFH25455-S25BXXXXK6K	2.400(60.96)	2.520(64.00)
6	FFH25455-S06BXXXXK6K	.500(12.70)	.620(15.74)	26	FFH25455-S26BXXXXK6K	2.500(63.50)	2.620(66.54)
7	FFH25455-S07BXXXXK6K	.600(15.24)	.720(18.28)	27	FFH25455-S27BXXXXK6K	2.600(66.04)	2.720(69.08)
8	FFH25455-S08BXXXXK6K	.700(17.78)	.820(20.82)	28	FFH25455-S28BXXXXK6K	2.700(68.58)	2.820(71.62)
9	FFH25455-S09BXXXXK6K	.800(20.32)	.920(23.36)	29	FFH25455-S29BXXXXK6K	2.800(71.12)	2.920(74.16)
10	FFH25455-S10BXXXXK6K	.900(22.86)	1.020(25.90)	30	FFH25455-S30BXXXXK6K	2.900(73.66)	3.020(76.70)
11	FFH25455-S11BXXXXK6K	1.000(25.40)	1.120(28.44)	31	FFH25455-S31BXXXXK6K	3.000(76.20)	3.120(79.24)
12	FFH25455-S12BXXXXK6K	1.100(27.94)	1.220(30.98)	32	FFH25455-S32BXXXXK6K	3.100(78.74)	3.220(81.78)
13	FFH25455-S13BXXXXK6K	1.200(30.48)	1.320(33.52)	33	FFH25455-S33BXXXXK6K	3.200(81.28)	3.320(84.32)
14	FFH25455-S14BXXXXK6K	1.300(33.02)	1.420(36.06)	34	FFH25455-S34BXXXXK6K	3.300(83.82)	3.420(86.86)
15	FFH25455-S15BXXXXK6K	1.400(35.56)	1.520(38.60)	35	FFH25455-S35BXXXXK6K	3.400(86.36)	3.520(89.40)
16	FFH25455-S16BXXXXK6K	1.500(38.10)	1.620(41.14)	36	FFH25455-S36BXXXXK6K	3.500(88.90)	3.620(91.94)
17	FFH25455-S17BXXXXK6K	1.600(40.64)	1.720(43.68)	37	FFH25455-S37BXXXXK6K	3.600(91.44)	3.720(94.48)
18	FFH25455-S18BXXXXK6K	1.700(43.18)	1.820(46.22)	38	FFH25455-S38BXXXXK6K	3.700(93.98)	3.820(97.02)
19	FFH25455-S19SXXXXK6K	1.800(45.72)	1.920(48.76)	39	FFH25455-S39BXXXXK6K	3.800(96.52)	3.920(99.56)
20	FFH25455-S20BXXXXK6K	1.900(48.26)	2.020(51.30)	40	FFH25455-S40BXXXXK6K	3.900(99.06)	4.020(102.10)
21	FFH25455-S21BXXXXK6K	2.000(50.80)	2.120(53.84)				

 THIRD ANGLE PROJECTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY	DATE	PART NO.	ITEM NO.	 Leader Of Industry
	X.±.012(0.30)	X.±5'	FRANK	12/AUG/13	FFH25455-SXXBXXXXK6K	FFH25455	
	X.X±.008(0.20)	.X'±2'	CHECKED BY	DATE	TITLE		
	X.XX±.006(0.15)	.XX'±1'	CHERRY	12/AUG/13	Board to Board (Female Header) Pitch 2.54mm 90° Angle (DIP)	REV 0	
SCALE	SIZE	X.XXX±.004(0.10)	.XXX'±0.5'	DRAWN BY	DATE	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO TXGA INDUSTRIAL ELECTRONICS(S.Z)CO.,LTD AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION	
5:1	A4			JACOB	12/AUG/13		